

Title (en)

WINDING DEVICE AND WINDING SYSTEM

Title (de)

WICKELVORRICHTUNG UND WICKELSYSTEM

Title (fr)

DISPOSITIF D'ENROULEMENT ET SYSTÈME D'ENROULEMENT

Publication

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Application

EP 23156758 A 20230215

Priority

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Abstract (en)

An object of the present invention is to suppress the increase of height of a winding device. A winding device 21 includes cradle arms 30, a package storage unit 50, a stocker 60 including a first supporting surface 61, and a contact roller 40. The stocker 60 is provided on one side of a vertical plane F while the package storage unit 50 is provided on the other side of the vertical plane F. The contact roller 40 is provided on one side of the vertical plane F, and the position of the contact roller 40 is lower than that of the stocker 60. In the vertical direction, the first supporting surface 61 is below an upper end t1 of a virtual maximum circumferential surface of a wound package Pw supported by the cradle arms 30 at a release position. In the vertical direction, a rotational center 40a of the contact roller 40 is above a lower end t2 of the virtual maximum circumferential surface of the wound package Pw supported by the cradle arms 30 at the release position.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- JP 2011047074 A 20110310 - TMT MACHINERY INC
- JP H10279188 A 19981020 - TEIJIN SEIKI CO LTD

Citation (search report)

- [A] GB 1354533 A 19740605 - ASAHI CHEMICAL IND
- [A] DE 102010025895 A1 20120105 - OERLIKON TEXTILE GMBH & CO KG [DE]
- [A] JP S5115029 A 19760206 - NEGISHI KOGYO KENKYUSHO KK
- [A] EP 0157654 A1 19851009 - BELMONT TEXTIL MACH INC [US]

Designated contracting state (EPC)

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